

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of determining a numerical value of similarity as between a pair of artists, the method comprising:

calculating for each artist a list of artist style values, each artist style value being representative of a style of the artist and a weight of such style as exhibited by such artist;

calculating a set of style similarity values, each style similarity value setting forth a relative similarity as between two styles; and

calculating, based on the list of artist style values for each artist and the calculated set of style similarity values, a style list comparison similarity score representing a relative similarity of the styles of the pair of artists,

the method further comprising truncating the list of artist style values for each artist to cull low-weight styles therein, and comprising calculating, based on the truncated list of artist style values for each artist and the calculated set of style similarity values, a style list comparison similarity score representing a relative similarity of the styles of the pair of artists.

2-3 (Canceled)

4. (Currently Amended) The method of claim [[3]] 1 wherein truncating the list for each artist comprises culling any artist style value after a highest weight value if less than a predetermined percentage thereof.

5. (Currently Amended) The method of claim [[3]] 1 wherein truncating the list for each artist comprises culling any artist style value if less than an Nth highest weight value.

6-7 (Canceled)

8. (Original) The method of claim 1 further comprising:
obtaining for each artist a list of artist tone values, each artist tone value being representative of a tone of the artist and a weight of such tone as exhibited by such artist; and
calculating, based on the list of artist tone values for each artist, a tone list comparison similarity score representing a relative similarity of the tones of the pair of artists.

9. (Original) The method of claim 8 further comprising:
calculating a bonus comparison function that results in a bonus weight representative of an aspect of at least one of the pair of artists;
applying the bonus weight to a combination of the style list comparison similarity score and the tone list comparison similarity score to achieve a final similarity score.

10. (Original) The method of claim 9 comprising multiplying the bonus weight by a weighted sum of the style list comparison similarity score and the tone list comparison similarity score to achieve the final similarity score.

11. (Original) The method of claim 10 wherein the final similarity score is:

$$\text{Bonus Weight} * (.8 * \text{Style Score} + .2 * \text{Tone Score})$$

12. (Original) The method of claim 1 further comprising:
calculating a bonus comparison function that results in a bonus weight representative of an aspect of at least one of the pair of artists;
applying the bonus weight to the style list comparison similarity score to achieve a final similarity score.

13. (Original) The method of claim 12 comprising multiplying the bonus weight by the style list comparison similarity score to achieve the final similarity score.

14. (Currently Amended) A method of determining a numerical value of similarity as between a pair of comparison subjects, the method comprising:
calculating for each comparison subject a list of comparison subject attribute values, each comparison subject attribute value being representative of an instance of an

attribute of the comparison subject and a weight of such instance as exhibited by such comparison subject;

calculating a set of attribute instance similarity values, each attribute instance similarity value setting forth a relative similarity as between two instances of the attribute; and

calculating, based on the list of comparison subject attribute values for each comparison subject and the calculated set of attribute instance similarity values, an attribute instance list comparison similarity score representing a relative similarity of the instances of the attribute of the pair of comparison subjects,

the method further comprising truncating the list of comparison subject attribute values for each comparison subject to cull low-weight attribute instances therein, and comprising calculating, based on the truncated list of comparison subject attribute values for each comparison subject and the calculated set of attribute instance similarity values, an attribute instance list comparison similarity score representing a relative similarity of the instances of the attribute of the pair of comparison subjects.

15. (Canceled)

16. (Currently Amended) The method of claim ~~[[15]]~~ 14 wherein truncating the list for each comparison subject comprises culling any comparison subject attribute value after a highest weight value if less than a predetermined percentage thereof.

17. (Currently Amended) The method of claim ~~[[15]]~~ 14 wherein truncating the list for each comparison subject comprises culling any comparison subject attribute value if less than an Nth highest weight value.

18. (Canceled)

19. (Original) The method of claim 14 further comprising:
obtaining for each comparison subject another list of comparison subject attribute values, each comparison subject attribute value in the another list being representative of an instance of another attribute of the comparison subject and a weight of such another instance as exhibited by such comparison subject; and
calculating, based on the another list of comparison subject attribute values for each comparison subject, another attribute instance list comparison similarity score representing a relative similarity of the instances of the another attribute of the pair of comparison subjects.

20. (Original) The method of claim 19 further comprising:
calculating a bonus comparison function that results in a bonus weight representative of an aspect of at least one of the pair of comparison subjects;
applying the bonus weight to a combination of the attribute list comparison similarity score and the another attribute list comparison similarity score to achieve a final similarity score.

21. (Original) The method of claim 20 comprising multiplying the bonus weight by a weighted sum of the attribute list comparison similarity score and the another attribute list comparison similarity score to achieve the final similarity score.

22. (Currently Amended) A method of determining a numerical value of similarity as between a pair of comparison subjects, the method comprising:

calculating for each comparison subject a list of comparison subject attribute values, each comparison subject attribute value being representative of an instance of an attribute of the comparison subject and a weight of such instance as exhibited by such comparison subject;

calculating a set of attribute instance similarity values, each attribute instance similarity value setting forth a relative similarity as between two instances of the attribute;
and

calculating, based on the list of comparison subject attribute values for each comparison subject and the calculated set of attribute instance similarity values, an attribute instance list comparison similarity score representing a relative similarity of the instances of the attribute of the pair of comparison subjects,

~~The~~ the method of ~~claim 14~~ further comprising:

calculating a bonus comparison function that results in a bonus weight representative of an aspect of at least one of the pair of comparison subjects;

applying the bonus weight to the attribute list comparison similarity score to achieve a final similarity score.

DOCKET NO.: MSFT-2745/305359.1
Application No.: 10/673,978
Office Action Dated: June 28, 2005

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23. (Original) The method of claim 22 comprising multiplying the bonus weight by the attribute list comparison similarity score to achieve the final similarity score.